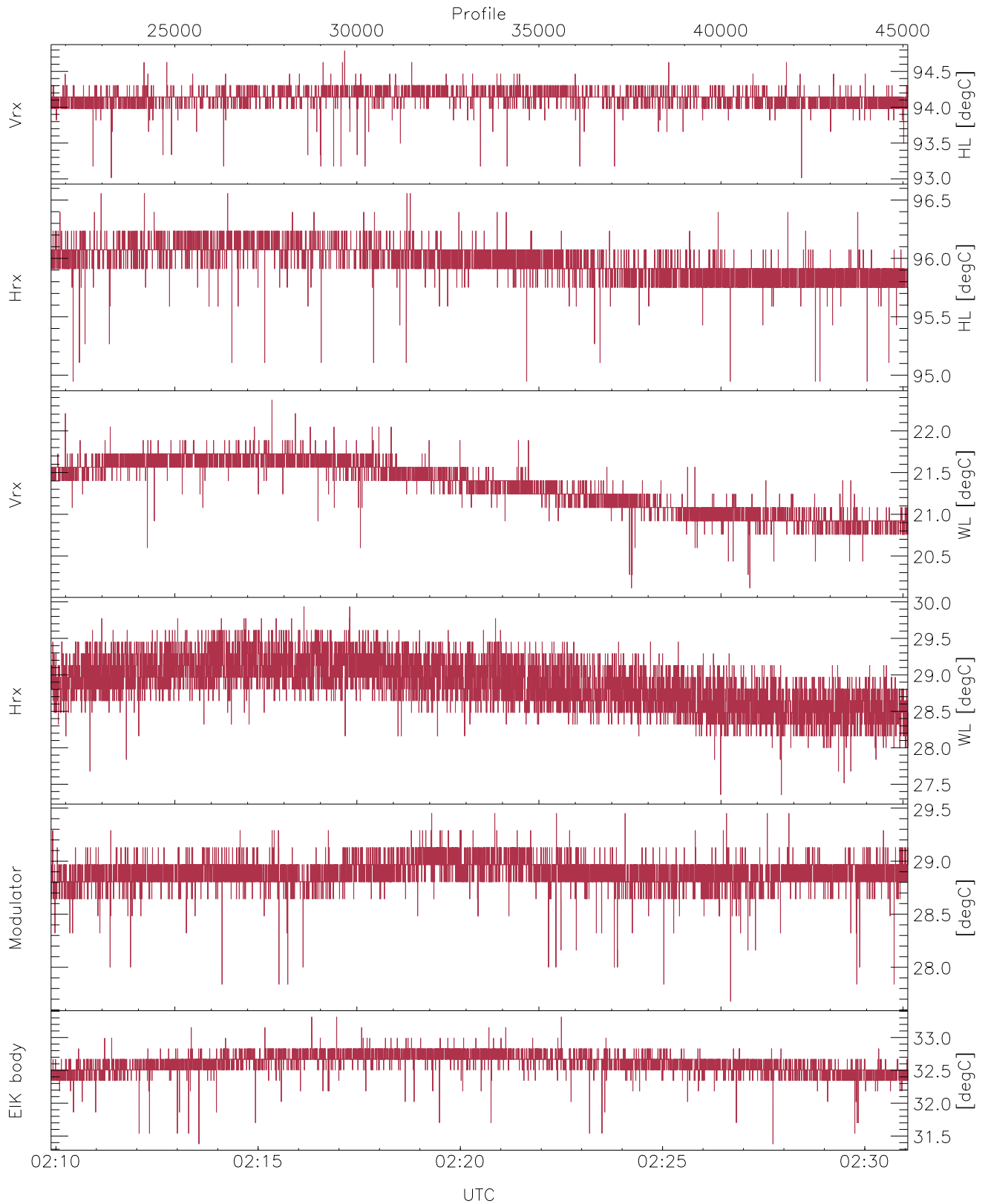


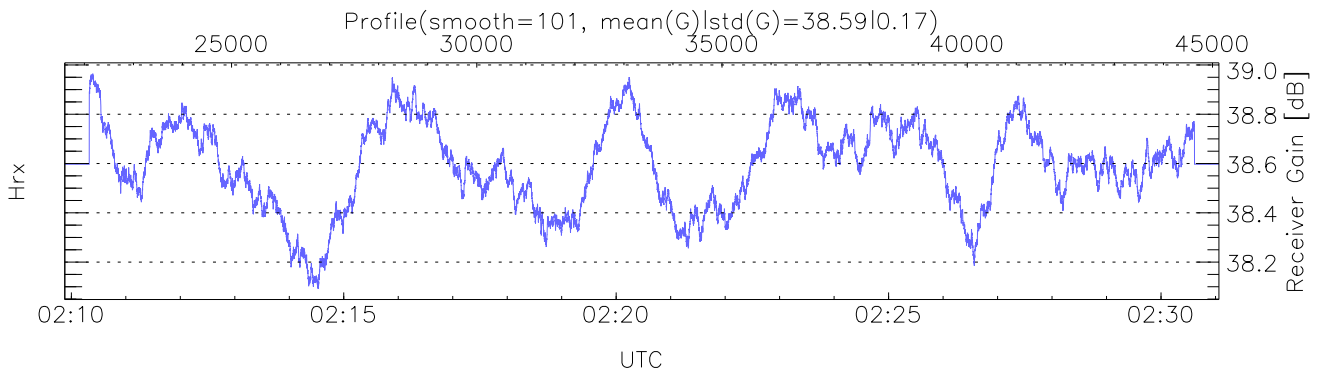
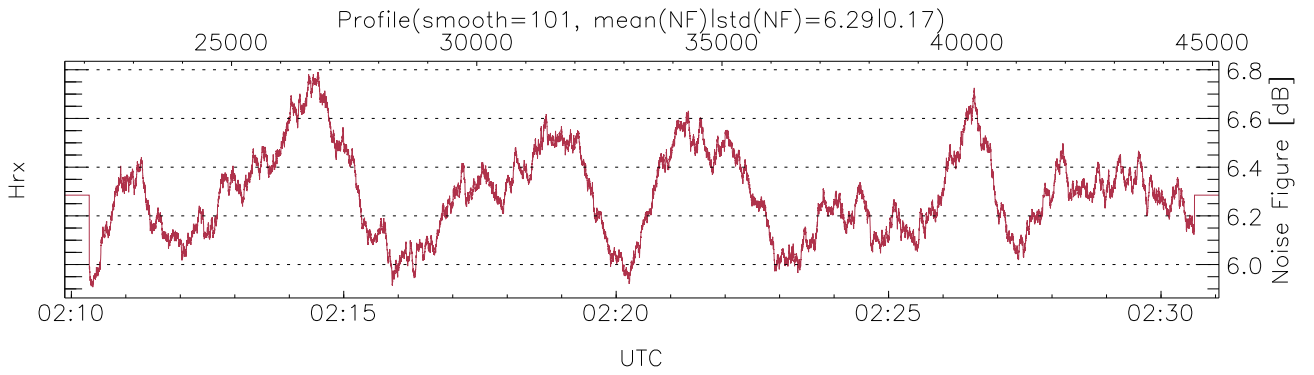
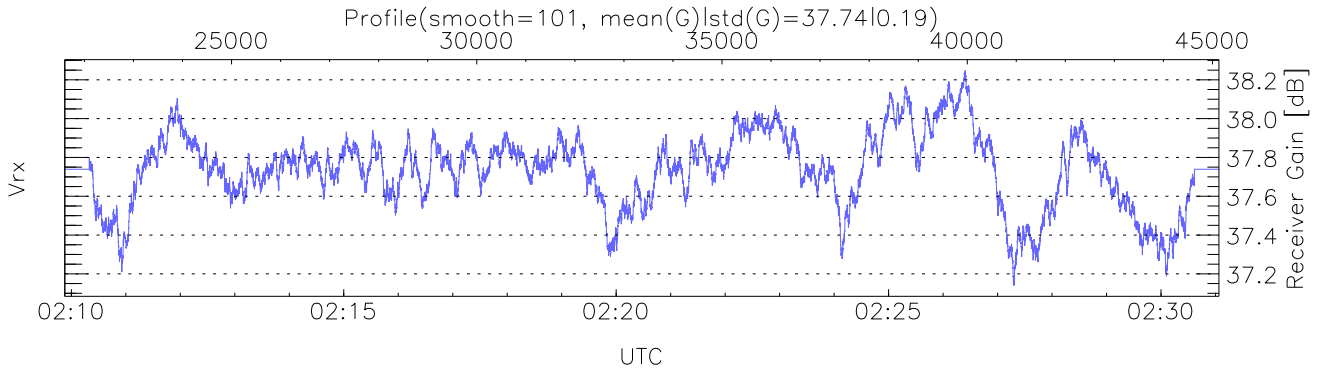
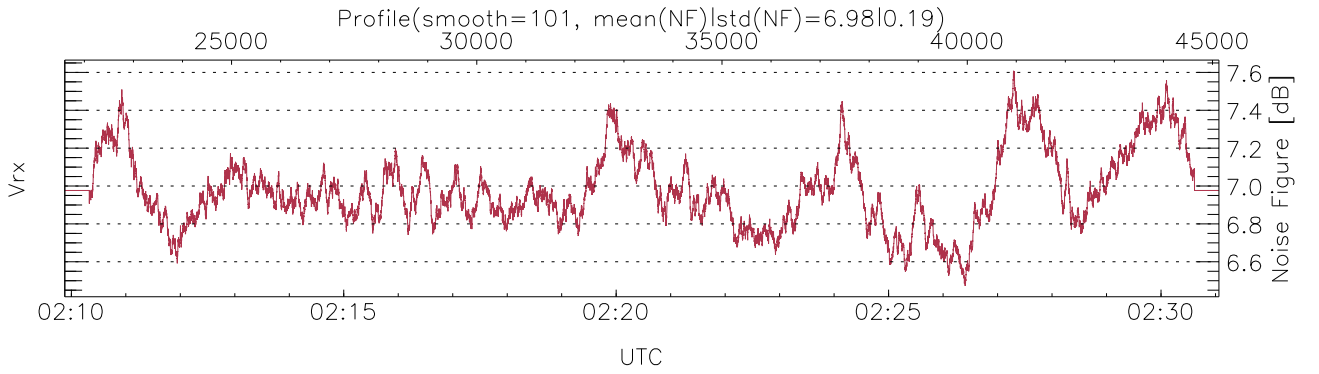
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:50:26-02:31:04, Dur: 2437.74s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 23533/45133, 21600-45132/02:09:53-02:31:04
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



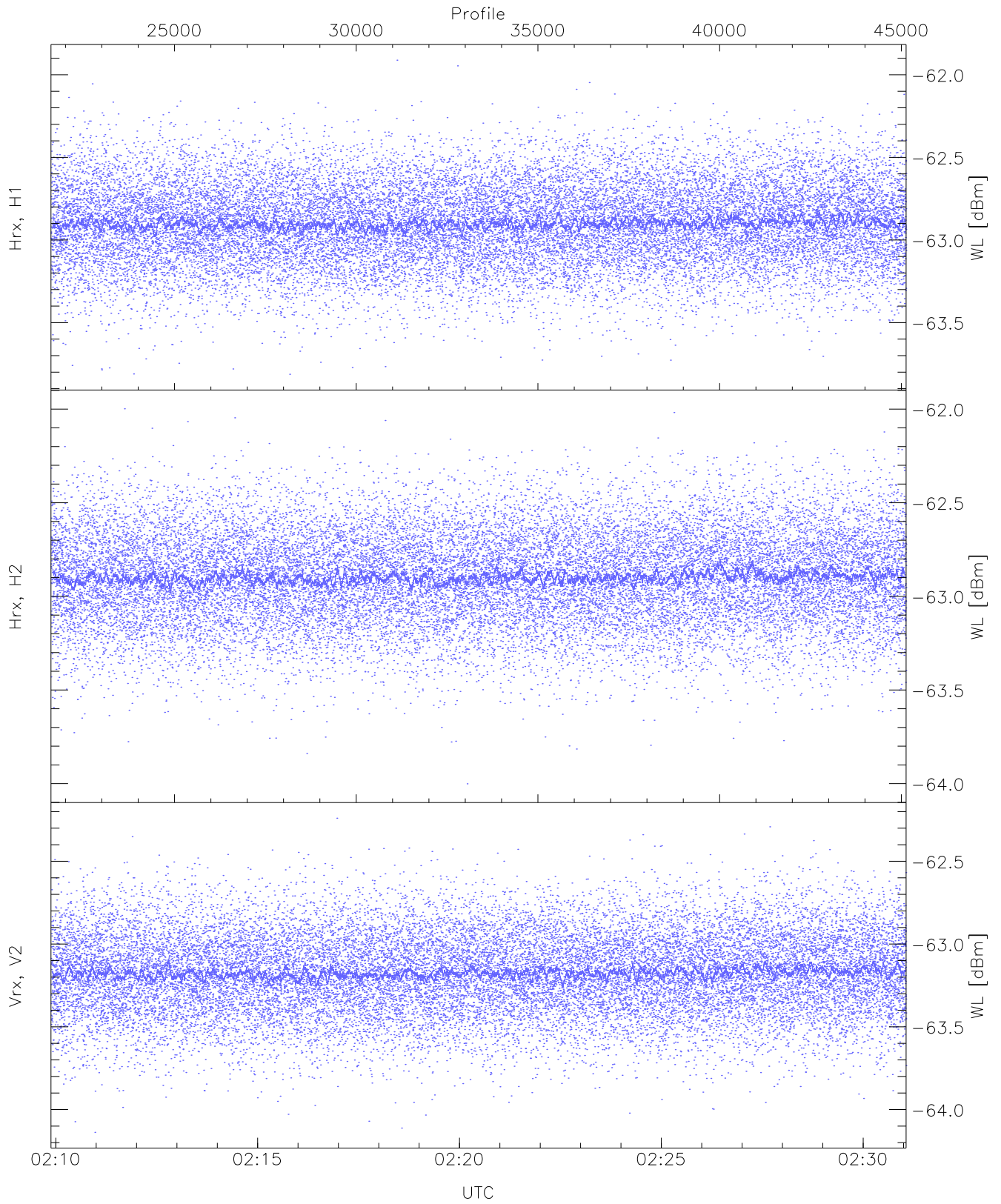
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,16,11,9)



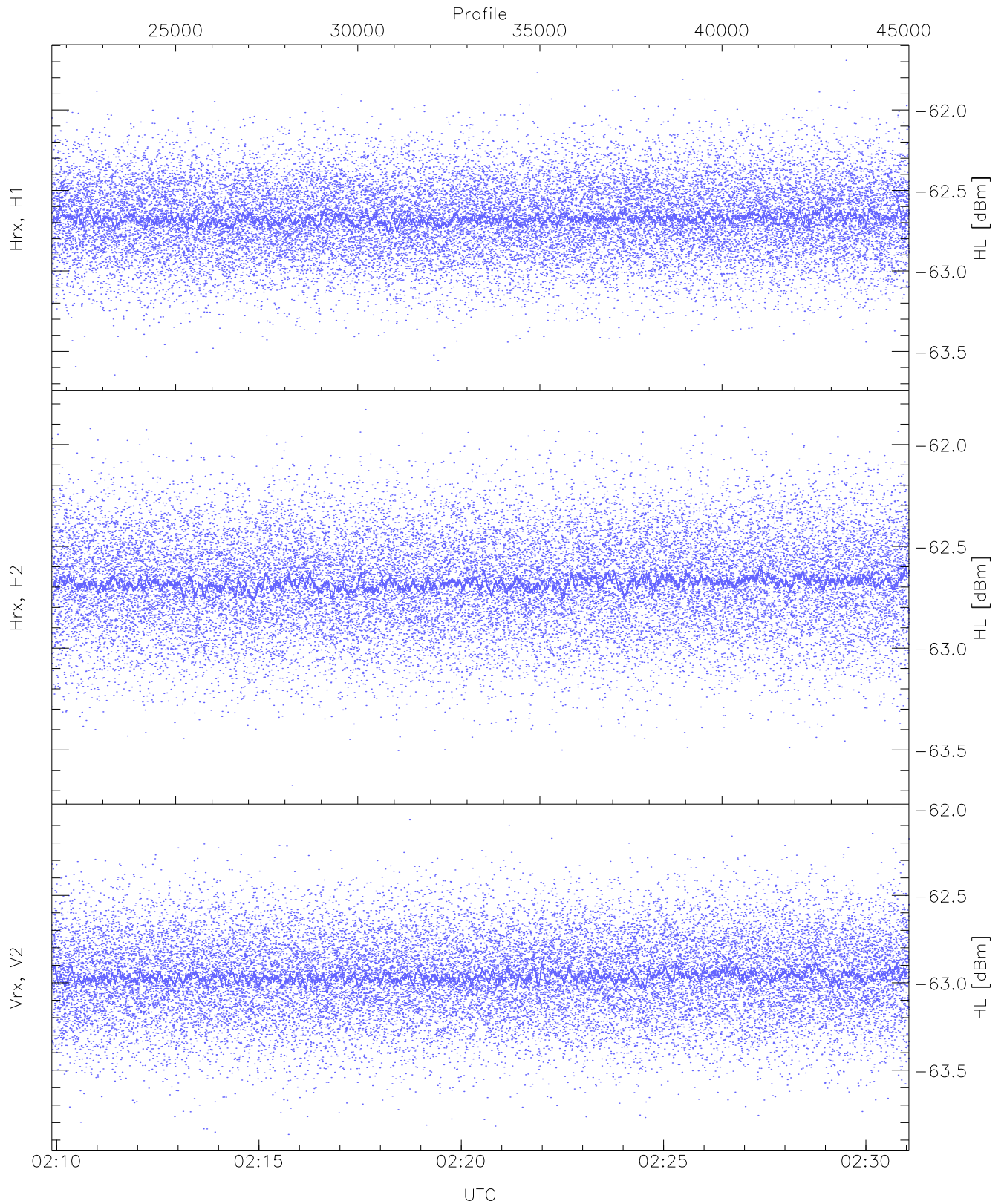
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7926 pixs, 63 gates, 7451 profs, 2 prods



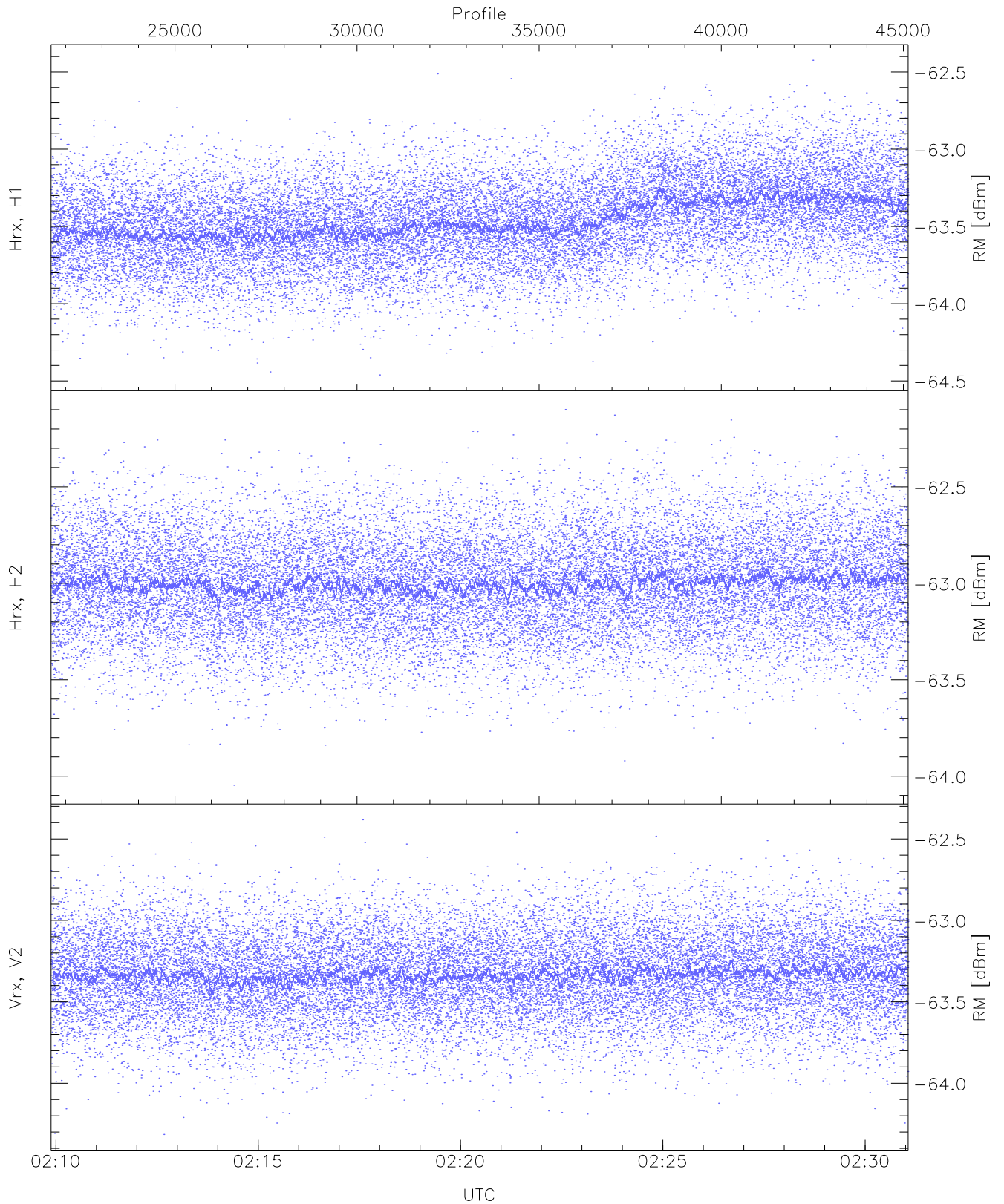
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.81	-61.91	-62.90	-62.90	-75.63
Hrx, H2(WL [dBm])	-64.00	-62.00	-62.90	-62.90	-75.57
Vrx, V2(WL [dBm])	-64.14	-62.24	-63.17	-63.18	-75.87



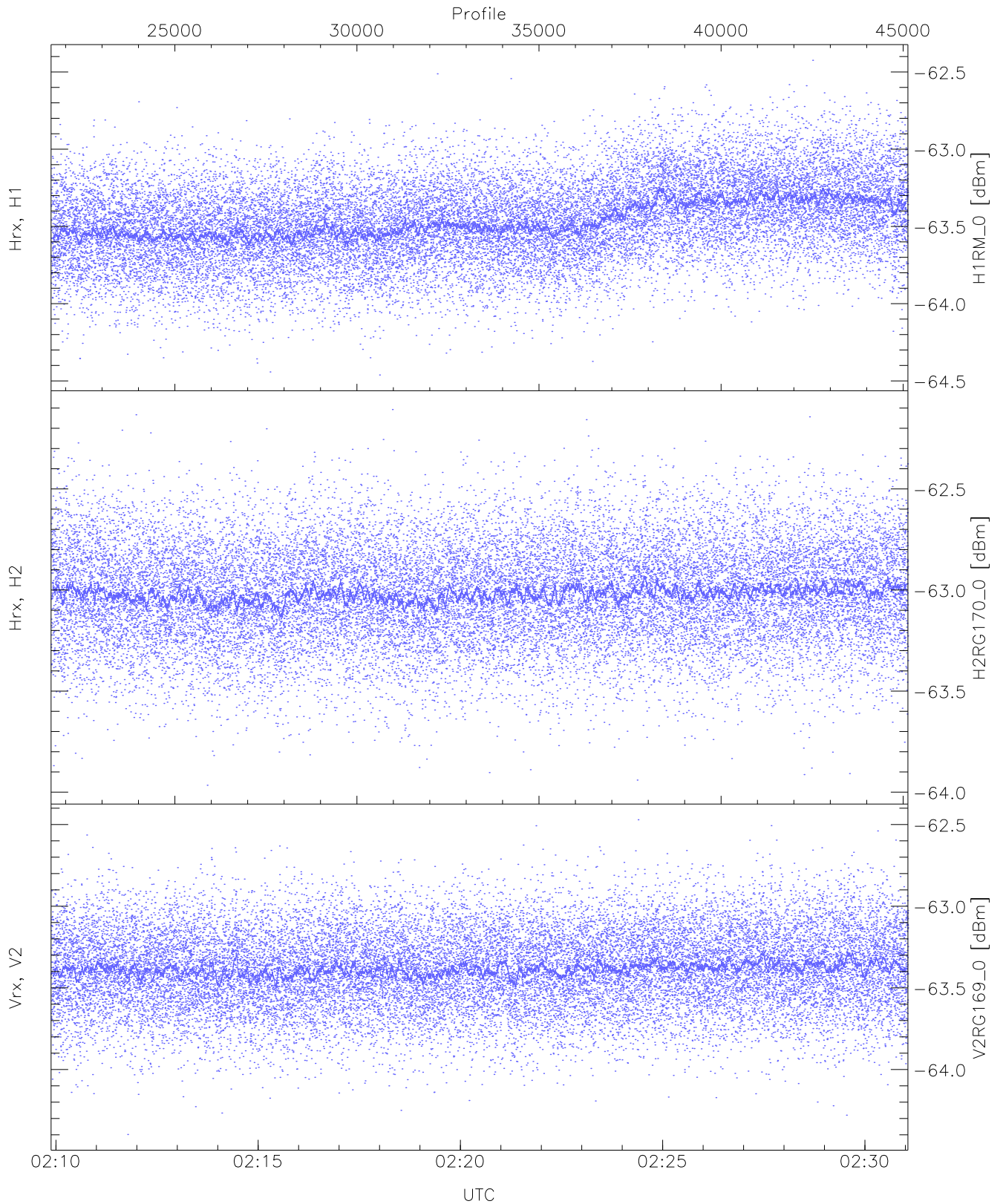
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.65	-61.69	-62.67	-62.68	-75.40
Hrx, H2 (HL [dBm])	-63.67	-61.83	-62.68	-62.68	-75.38
Vrx, V2 (HL [dBm])	-63.87	-62.07	-62.96	-62.97	-75.66



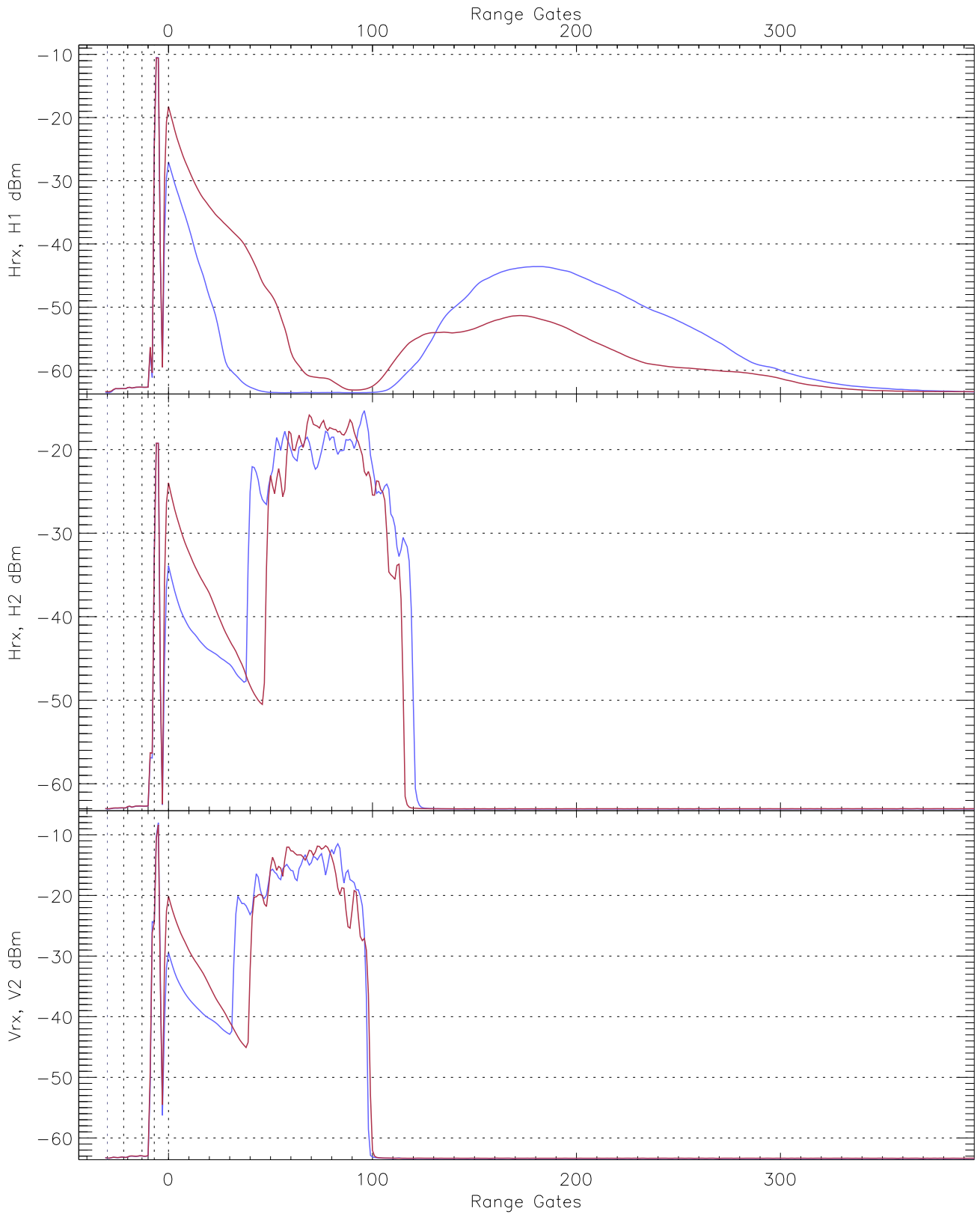
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.46	-62.42	-63.46	-63.47	-75.78
Hrx, H2 (RM [dBm])	-64.05	-62.10	-63.00	-63.00	-75.71
Vrx, V2 (RM [dBm])	-64.31	-62.38	-63.33	-63.34	-75.98

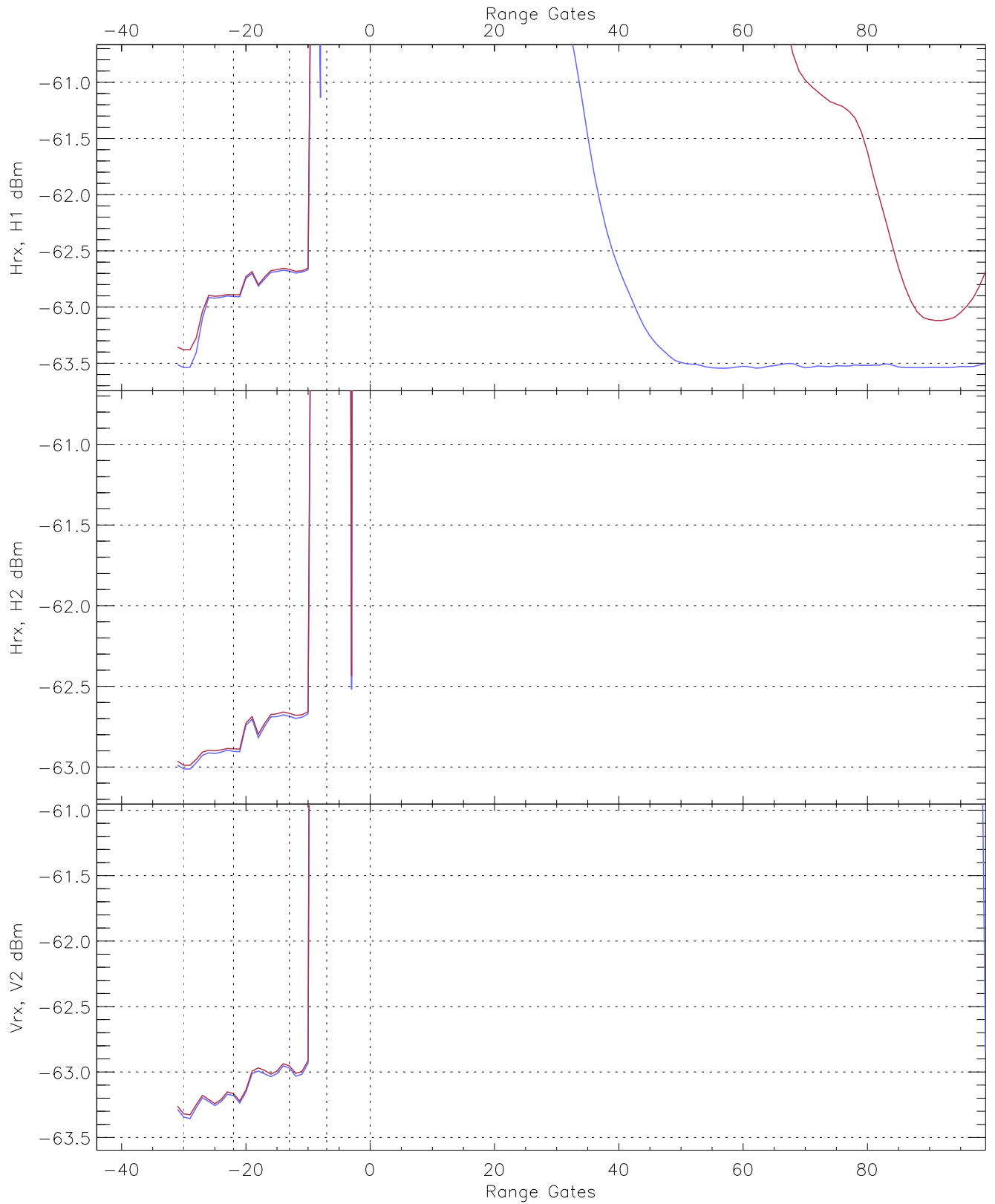


WCR2 CPP "Best" estimate Receivers Noise Power

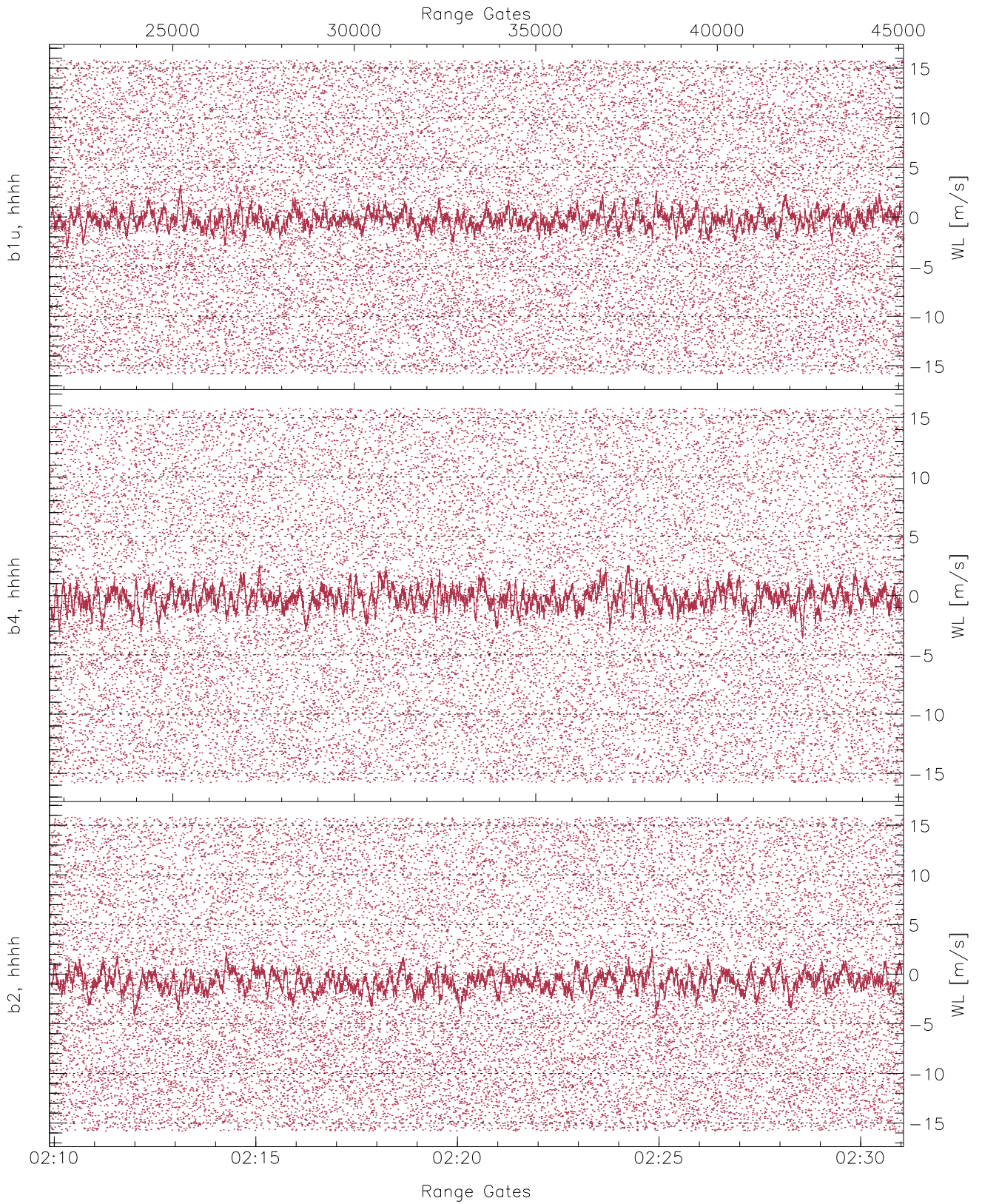
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.46	-62.42	-63.46	-63.47	-75.78
H2RG170_0 [dBm]	-63.97	-62.11	-63.02	-63.02	-75.71
V2RG169_0 [dBm]	-64.40	-62.47	-63.38	-63.39	-76.05



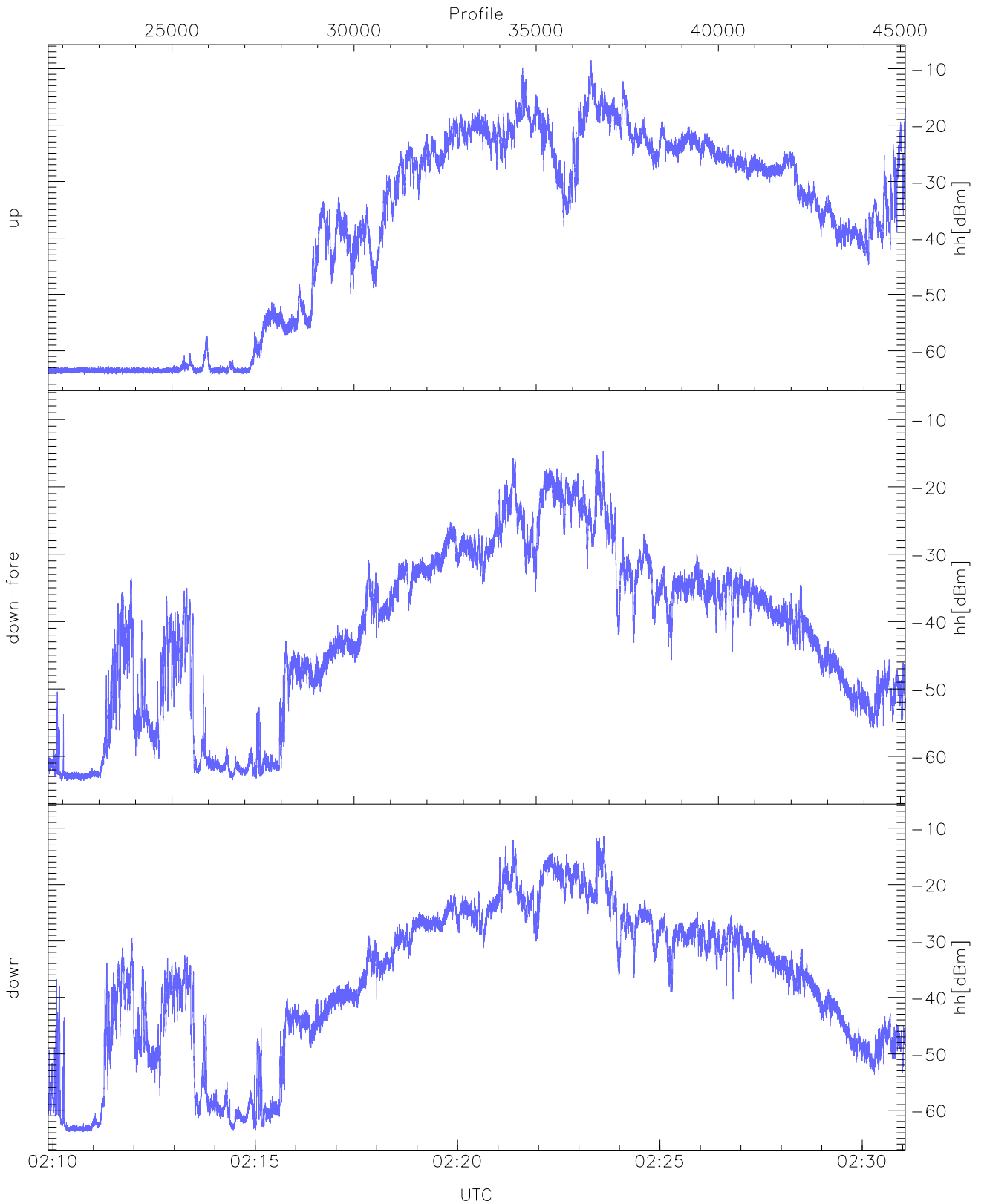
WCR2 CPP Averaged Received power for all recorded gates
blue: 020953-022028, 11767 profiles averaged
red: 022028-023104, 11767 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 020953-022028, 11767 profiles averaged
red: 022028-023104, 11767 profiles averaged

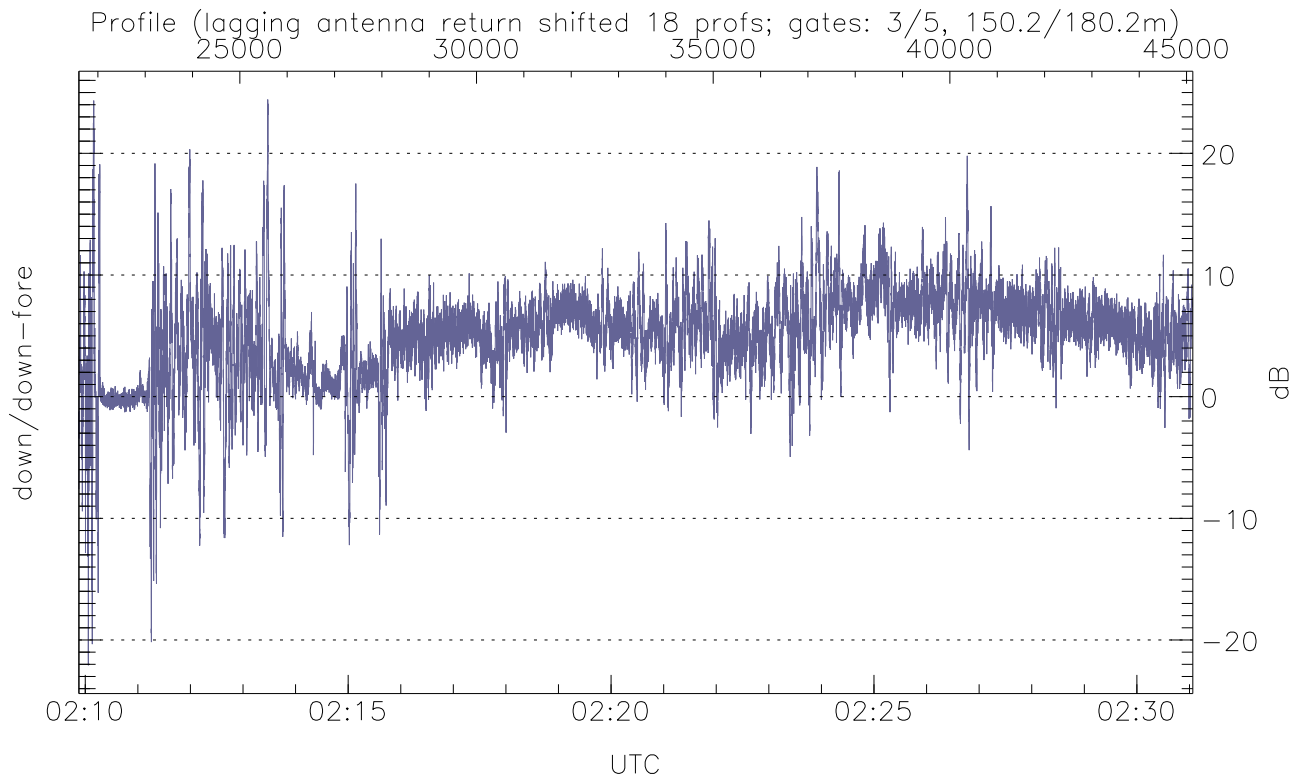
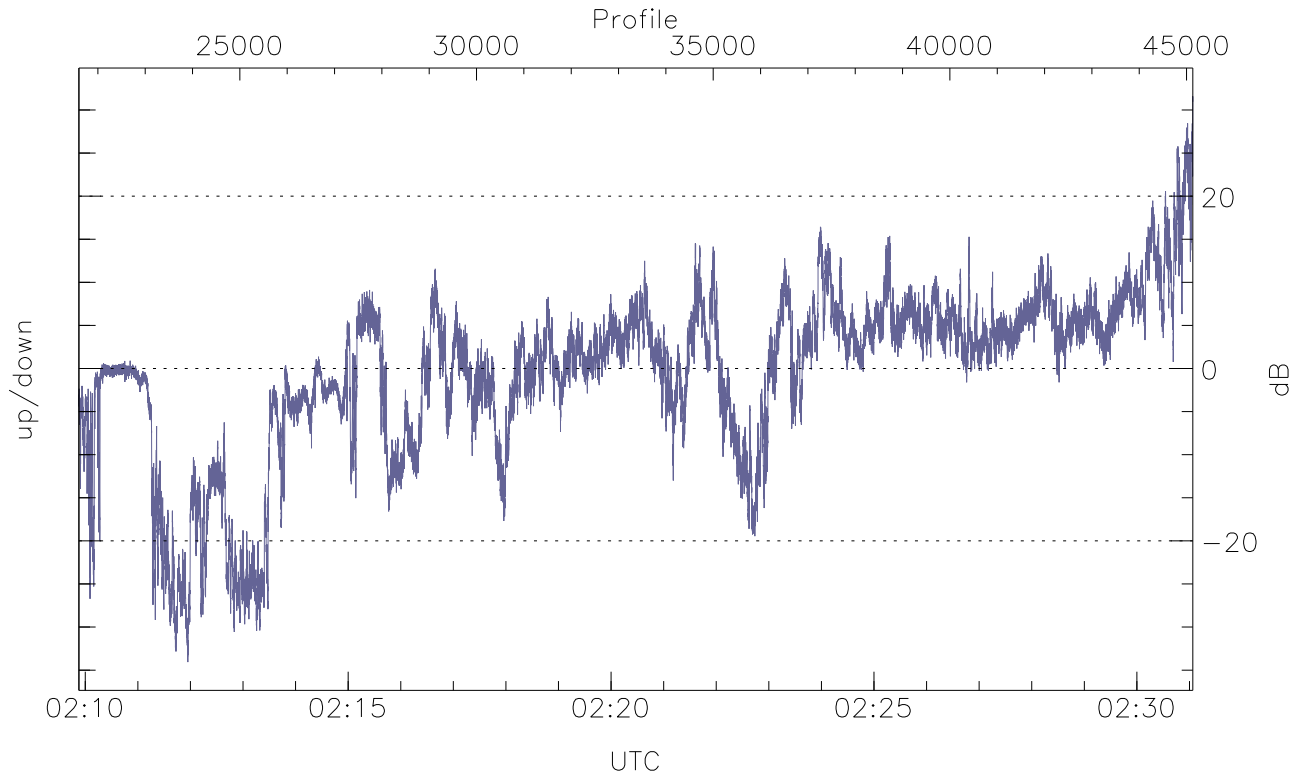


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



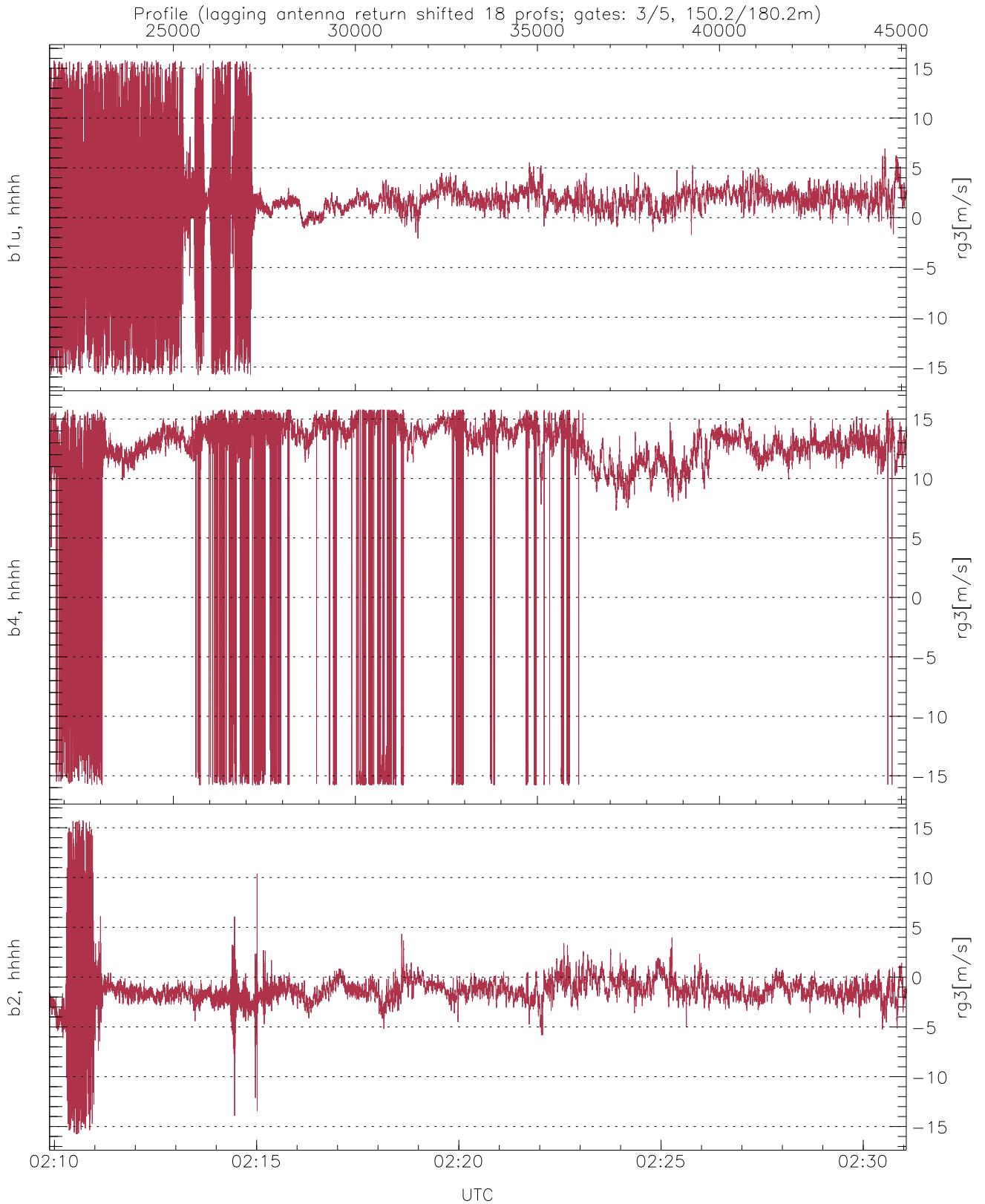
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.29	-8.52	-24.36
down-fore(hh[dBm])	-63.64	-14.66	-29.71
down(hh[dBm])	-63.86	-11.37	-26.06



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-34.06	31.59	-0.59
down/down-fore (dB)	-22.08	24.43	5.01



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	1.37	4.09
b4, hhhh(rg3[m/s])	-15.80	15.80	11.17	6.88
b2, hhhh(rg3[m/s])	-15.77	15.73	-1.33	1.83